

Wineries hedge against climate change

An oasis in the Coast Range

By **ANDREW SELSKY**
Associated Press

DALLAS — When an Oregon valley famed for its wine heats up under the afternoon sun, Pacific Ocean winds rush through a dip in the mountains, cooling the grapes in Jeff Havlin's vineyards.

The Van Duzer Corridor, the lowest point in Oregon's Coast Range, has become a go-to place for wineries and vineyards hedging their bets against climate change. Wine-makers and vineyard owners in a 95-square-mile section of the corridor have applied to become the newest American Viticultural Area, with the wind its predominant feature.

"When the temperature drops, you need a jacket in August," said Havlin, who on a recent afternoon was driving a utility vehicle through his vineyards.

From South Africa's drought-stricken vineyards, to France's noble chateaux, to sunny vineyards in Australia and California, growers and winemakers say they are seeing the effects of climate change as temperatures rise, with swings in weather patterns becoming more severe.

So they are taking action — moving to cooler zones, planting varieties that do better in the heat, and shading



AP Photo/Andrew Selsky

Jeff Havlin, owner of Havlin Vineyard, drives through one of his vineyards in Dallas in May.

their grapes with more leaf canopy.

As areas once ideal for certain grapes become less viable, causing earlier harvests and diminished wine quality as grapes ripen faster, once-iffy sites like the Van Duzer Corridor are coming into their own.

Northern California's Petaluma Gap, which like the Van Duzer Corridor sucks in ocean breezes, was designated one of America's newest viticultural areas in December. Receiving an American Viticulture Area designation allows winemakers to emphasize the unique characteristics of their wine, determined by climate, geography, soil and other factors.

"Even though we have those heat waves just like Napa and Sonoma, we still have the cool breeze in the afternoon and the cooler temperatures at night and the fog in the morning," said Ria D'Aversa,

director of ranch operations at McEvoy Ranch, a Petaluma Gap vineyard.

The area's slogan: "From wind to wine."

California winemaker Ehren Jordan said: "People would have looked at you like you had three heads if, 30 years ago, you told someone you were going to grow wine grapes there."

His Failla winery, based in the Napa Valley, recently bought 80 acres in the Van Duzer Corridor and opened a winery nearby. The corridor now has a half-dozen wineries and at least 17 commercial vineyards, with more on the way.

Grapevines can tolerate heat and drought, and dry farming is traditionally practiced in parts of Europe. But the past four years have been the planet's hottest on record, and more warming is expected.

Even minor weather variations that occur vintage to vin-

tage can change the grapes' sugar, acid and tannin content, affecting the wine's taste and characteristics.

Familia Torres, a major wine producer based in Spain with wineries in California and Chile, bought land 4,000 feet high in the Pyrenees foothills as an investment in cooler climates.

Average temperatures at the company's vineyards have risen 1.8 degrees over 40 years, with the result that harvests are now about 10 days earlier than 20 years ago, company president Miguel A. Torres said in an email.

Torres called climate change a "very serious world-wide problem" for winemakers and said that, beyond changing viticulture practices, they should also try to reduce their greenhouse gas emissions.

Severe drought in South Africa's Western Cape caused a 15 percent drop in the grape harvest, officials announced in May, saying wine prices will likely go up as a consequence. A predicted long-term drying trend has serious implications for South Africa's wine industry, said Wanda Augustyn of VinPro, which represents the nation's wine producers and stakeholders.

"In the longer term, producers will have to look at quality, drought-resistant vines which produce more flavor, acidity and intensity, but have lower water needs," Augustyn said.

Hop acreage forecast at a record high

By **DAN WHEAT**
Capital Press

YAKIMA, Wash. — U.S. hop acreage is forecast at a record 53,282 acres this year, up 4 percent over last year, with new acreage and plantings entering full production.

The 2018 forecast for Washington state is 39,273 acres, which is 71 percent of total U.S. acreage, according to a report Monday from the National Agricultural Statistics Service.

Idaho is projected at 8,217 acres, or 15 percent of the total, and Oregon is projected at 7,849 acres, or 14 percent. Idaho shows the largest increase in acreage, up 1,224 acres, or 17.5 percent.

Mike Gooding, president of Gooding Farms north of Wilder, Idaho, and vice chairman of the Idaho Hop Growers Commission, said the state's additional acreage this year primarily consists of hops contracted two years ago that are finally being established.

"A lot of times, growers are not able to establish all acres in one season," Gooding

said. "And we have a couple of new growers in the area. They established part of their acreage last year and part this year."

Washington state is up 835 acres, or 2 percent, and Oregon is unchanged.

Expansion of small craft breweries fueled an increase in aroma hop varieties for several years but that's slowed as the rate of craft brewery growth has slowed and larger brewers have lost market share to other beverages.

Plantings of the super high alpha varieties of Zeus and Columbus/Tomahawk have increased due to concern about a possible upcoming deficit of alpha for larger brewers globally, said Jaki Brophy, Hop Growers of America and Washington Hop Commission spokeswoman in Moxee.

"It's questionable whether a 4 percent increase in acreage for 2018 was truly needed, given continued softening in the craft sector and overall flat beer growth globally," said Peter Mahony, vice president of supply chain and purchasing for John I. Haas Inc.

Astoria man arrested after high-speed chase

By **JACK HEFFERNAN**
The Daily Astorian

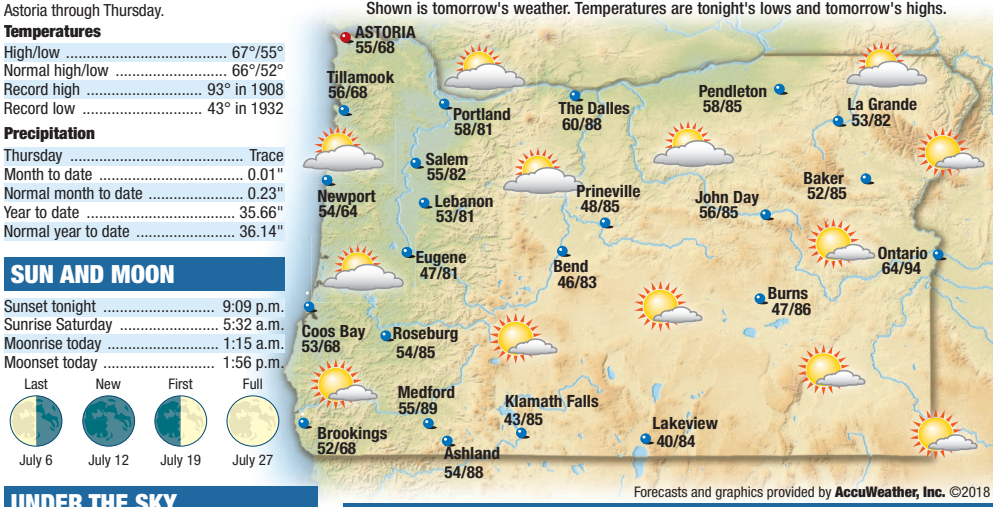
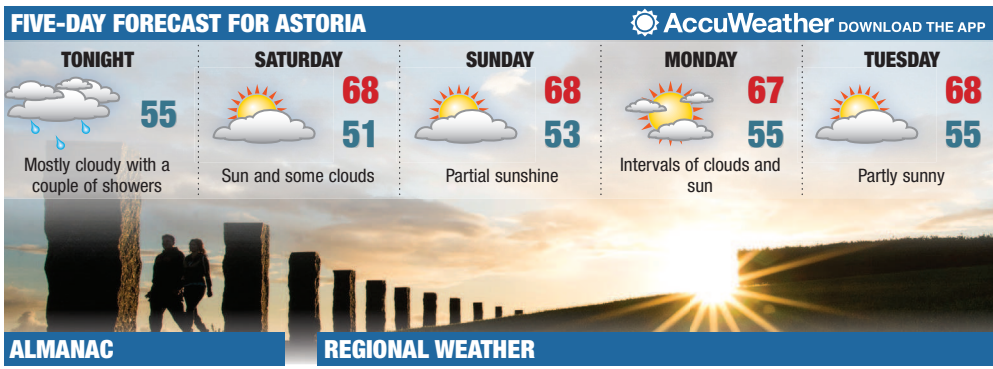
An Astoria man allegedly led police on a 2-mile car chase Thursday.

Police attempted to stop Tyler Ray Morehouse, 36, at about 10 a.m. while he was allegedly driving on U.S. Highway 101 Business south of the Old Youngs Bay Bridge. Morehouse's driver's license is suspended and he had a felony warrant out for his arrest.

Morehouse, with two passengers in the car, allegedly sped up. The car reached 90 mph during the 2-mile chase.

Morehouse eventually pulled over near the Astoria Transfer Station. He allegedly fled on foot but was arrested shortly after.

In addition to the suspended license and warrant, Morehouse was also charged with eluding a police officer, two counts of reckless endangerment, reckless driving and possession of heroin.



ALMANAC
Astoria through Thursday.

Temperatures
High/low 67°/55°
Normal high/low 66°/52°
Record high 93° in 1908
Record low 43° in 1932

Precipitation
Thursday Trace
Month to date 0.01"
Normal month to date 0.23"
Year to date 35.66"
Normal year to date 36.14"

SUN AND MOON
Sunset tonight 9:09 p.m.
Sunrise Saturday 5:32 a.m.
Moonrise today 1:15 a.m.
Moonset today 1:56 p.m.

UNDER THE SKY
Tonight's Sky: Earth is at aphelion (9:48 am PDT), its farthest point from the Sun of 1.02 AU in its annual elliptical orbit.

Source: Jim Todd, OMSI

TOMORROW'S TIDES
Astoria / Port Docks

Time	High	Time	Low
8:53 a.m.	5.9 ft.	3:01 a.m.	1.7 ft.
9:05 p.m.	8.1 ft.	2:36 p.m.	1.7 ft.

NATIONAL CITIES

City	Today	Sat.	City	Today	Sat.
Atlanta	89 71 t	82 69 t	Chicago	79 60 s	82 63 s
Boston	84 62 t	76 65 s	Denver	92 62 t	97 62 s
Chicago	79 60 s	82 63 s	Des Moines	84 61 s	83 60 s
Denver	92 62 t	97 62 s	Detroit	79 58 s	80 62 s
Des Moines	84 61 s	83 60 s	El Paso	93 75 s	92 74 pc
Detroit	79 58 s	80 62 s	Fairbanks	77 55 s	81 61 s
El Paso	93 75 s	92 74 pc	Honolulu	88 75 r	87 75 sh
Fairbanks	77 55 s	81 61 s	Indianapolis	82 58 s	80 61 s
Honolulu	88 75 r	87 75 sh	Kansas City	87 63 pc	86 60 s
Indianapolis	82 58 s	80 61 s	Las Vegas	111 89 s	105 89 s
Kansas City	87 63 pc	86 60 s	Los Angeles	106 80 s	101 73 pc
Las Vegas	111 89 s	105 89 s	Memphis	92 73 pc	88 72 s
Los Angeles	106 80 s	101 73 pc	Miami	89 76 t	89 77 t
Memphis	92 73 pc	88 72 s	Nashville	89 67 t	85 70 s
Miami	89 76 t	89 77 t	New Orleans	88 75 t	88 75 t
Nashville	89 67 t	85 70 s	New York	83 65 t	79 64 s
New Orleans	88 75 t	88 75 t	Oklahoma City	92 69 pc	88 64 pc
New York	83 65 t	79 64 s	Philadelphia	83 62 t	80 61 s
Oklahoma City	92 69 pc	88 64 pc	St. Louis	87 63 pc	84 64 s
Philadelphia	83 62 t	80 61 s	Salt Lake City	102 76 s	98 74 pc
St. Louis	87 63 pc	84 64 s	San Francisco	77 60 pc	75 59 pc
Salt Lake City	102 76 s	98 74 pc	Seattle	75 59 pc	75 57 pc
San Francisco	77 60 pc	75 59 pc	Washington, DC	87 67 t	80 65 s
Seattle	75 59 pc	75 57 pc			
Washington, DC	87 67 t	80 65 s			

TOMORROW'S NATIONAL WEATHER
Shown are noon positions of weather systems and precipitation. Temperature bands are highs for the day.

Weather (W): s-sunny, pc-partly cloudy, c-cloudy, sh-showers, l-thunderstorms, r-rain, sf-snow flurries, sn-snow, i-ice.

ON THE RECORD

DUI
• At 12:58 a.m. Friday, Bobby Alfred Robinson, 52, of Hammond, was arrested by Astoria police on Marine Drive and charged with driving under the influence of intoxicants, reckless endangerment and refusing a breath test. He crashed a car into a pole at Motel 6.

OBITUARIES

David Edward Johnson Portland Nov. 11, 1961—June 30, 2018

David Edward Johnson died on June 30, 2018, of end-stage congenital heart disease, a birth defect, at the Hopewell House Hospice in Portland, Oregon.

Johnson was born Nov. 11, 1961, in Los Angeles, California, to Edward and Janell Blackburn Johnson.

He was preceded in death by his parents; sisters, Sandra Hirsch and Linda Brazer; a son, Edward Andrew Johnson; and his buddy-brother-in-law, Douglas Parvi.

David leaves his daughter, Keri and Dustin Jones, of Longview, Washington; a son, Andrew Ortiz, of Bend, Oregon; three stepchildren, Thomas, Sarah and Donald Thomas and their mom, Donna Johnson, of Tigard, Oregon; and granddaughter, Adalyn Johnson of Longview, Washington.

He also leaves two sisters, Laura Parvi, of Warrenton, Oregon, and Theresa and John Wheeler, of Heath, Ohio; two brothers, Chris and Shannan Jones of Astoria, Oregon, and Edward and Sharon Christiansen, of North Ridgeville, Ohio. He also had many nieces and nephews who considered David the fun uncle!

David graduated from Astoria High School in 1981. In high school, he wrestled, and he enjoyed wrestling after high school with his nephews. David also enjoyed singing in the high school choir and being the equipment manager

for football. After high school, David kept having fun! He traveled with the state fair, worked at the Liberty and Columbian theaters, Astoria roller rink and Oaks Park. He also worked on a processing ship in Alaska. His nephews and nieces loved when Uncle David would let them into the roller rink, Oaks Park and theaters for free.

David loved to teach skating, loved to bowl and go camping with family. We would listen to our 70s music for hours.

David had the honor of being an extra in the movie, "The Goonies!" He was the stand-in for Sean Astin. You can see David in many scenes. Remember the bike scene when Brand

is holding onto the car and his legs go faster and faster? Those were David's legs! David had a huge and giving heart. He was always there when you needed him and gave you anything and everything he had.

David was only 4 feet, 11 inches on a good day. He stated that God only had to make him that tall before reaching perfection! His favorite saying was, "Not everyone can be as good as a Johnson!"

A graveside service will be held July 14, 2018, at Greenwood Cemetery in Astoria. A potluck reception will follow at Laura Parvi's house, 170 W. Harbor St., Warrenton, Oregon.

David Edward Johnson

PUBLIC MEETINGS

MONDAY
Youngs River Lewis & Clark Water District Board, 6 p.m., 34583 U.S. Highway 101 Business.
Cannon Beach Rural Fire Department Board,

6 p.m., Fire-Rescue Main Station, 188 Sunset Ave.
Seaside City Council, 7 p.m., City Hall, 989 Broadway.

LOTTERIES

OREGON
Thursday's Pick 4:
1 p.m.: 0-7-4-2
4 p.m.: 3-2-1-5
7 p.m.: 1-4-0-2
10 p.m.: 6-3-6-6

Thursday's Lucky Lines: 02-06-10-13-FREE-17-21-27-31
Estimated jackpot: \$32,000

Thursday's Keno: 02-04-06-08-11-17-21-22-24-27-29-34-36-39-48-50-52-58-60-68
Thursday's Match 4: 06-11-22-23

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